

# DECLARATION FOR ORIGINAL U.S. PATENT APPLICATION

Attorney's Docket No. ALTRP063

As a below-named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: **EFFICIENT METHOD FOR TRACEBACK DECODING OF TRELLIS (VITERBI) CODES**, the specification of which,

(check one)

1. ☒ is attached hereto.
2. ☐ was filed on \_\_\_\_\_ as  
U.S. Application No. \_\_\_\_\_  
and was amended on \_\_\_\_\_.
3. ☐ was filed on \_\_\_\_\_ as  
International PCT Application No. \_\_\_\_\_  
and was amended on \_\_\_\_\_.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, CFR §1.56.

I hereby claim foreign priority benefits under Title 35, United States code, § 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

## Prior Foreign Application(s)

Priority Benefits Claimed?

\_\_\_\_\_  
(Appl. No.)                      (Country)                      (Filing Date)

☐ Yes ☐ No

\_\_\_\_\_  
(Appl. No.)                      (Country)                      (Filing Date)

☐ Yes ☐ No

I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below:

## Prior Provisional Application(s)

60/245,880  
(Application No.)

November 3, 2000  
(Filing Date)

\_\_\_\_\_

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s), or § 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

**Prior U.S. Application(s)**

|                            |                        |  |
|----------------------------|------------------------|--|
| _____<br>(Application No.) | _____<br>(Filing Date) | _____<br>(Status - patented, pending, abandoned) |
| _____<br>(Application No.) | _____<br>(Filing Date) | _____<br>(Status - patented, pending, abandoned) |

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**Direct Telephone Calls To:**

**Russell N. Swerdon at telephone number (510) 843-6200**

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

**Typewritten Full Name of**

|                                |  |                           |                    |
|--------------------------------|--|---------------------------|--------------------|
| <b>Sole or First Inventor:</b> | <u>Martin Langhammer</u>                                     | <b>Citizenship:</b>       | <u>Canada</u>      |
| <b>Inventor's signature:</b>   | <u></u>  | <b>Date of Signature:</b> | <u>OCT 12 / 01</u> |
| <b>Residence:</b>              | (City) <u>Poole Dorset</u>                                   | <b>(State/Country)</b>    | <u>UK</u>          |
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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

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In re application of: Langhammer

Attorney Docket No.: ALTRP063

Application No.: Please assign

Examiner: Not yet assigned

Filed: Herewith

Group: Not yet assigned

Title: EFFICIENT METHOD FOR TRACEBACK  
DECODING OF TRELLIS (VITERBI) CODES

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**POWER OF ATTORNEY**  
**AND CERTIFICATION UNDER 37 CFR 3.73(b)**

Commissioner for Patents  
Washington, D. C. 20231

Sir:

Pursuant to 37 C.F.R. §§1.36 and 3.71, **ALTERA CORPORATION**, (“assignee”), a Delaware corporation having a place of business at 101 Innovation Drive, San Jose, California 95134, assignee of record of the entire interest of the above-identified application, hereby revokes all powers of attorney previously given and appoints the following attorneys and agents to prosecute and transact all business in the U.S. Patent and Trademark Office connected therewith: Steve D Beyer (Reg. No. 31,234); Jeffrey K. Weaver (Reg. No. 31,314); C. Douglass Thomas (Reg. No. 32,947); Jonathan O. Scott (Reg. No. 39,364); James E. Austin (Reg. No. 39,489); Joseph M. Villeneuve (Reg. No. 37,460); Michael L. Louie (Reg. No. 36,988); Mary R. Olynick (Reg. No. 42,963); Dean E. Wolf (Reg. No. 37,260); Elise R. Heilbrunn (Reg. No. 42,649); Michael J. Ferrazano (Reg. No. 44,105), Thomas C. Sylke (Reg. No. 32,312), Russell N. Swerdon (Reg. No. 36,943); Godfrey K. Kwan (Reg. No. 46,850) all of the law firm of BEYER, WEAVER & THOMAS, LLP, and Derek E. Minihane, Reg. No. 39,774, and James M. Wu, Reg. No. 45,241, of ALTERA CORPORATION, with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.